PATENT COOPERATION TREATY

REC'D 1 9 AUG 2005

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant s of agent's file reference				
WUHS3001PCT	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)			
International application No.	International filing date (day/month/year) Priority date (day/month/year)			
PCT/US03/08459	27 March 2003 (27 03 2002)			
International Patent Classification (IPC) o	r national classification and IPC			
IPC(7): C01G 3/02; C22B 3/02, 3/46, 15/0	00; F28D 21/00 and US Cl.: 75/726, 731; 266/101, 170; 422/198; 423/604			
Applicant				
WU HSIEH				
1	ry examination report has been prepared by this International Preliminary transmitted to the applicant according to Article 36.			
2. This REPORT consists of a	total of 3 sheets, including this cover sheet.			
before this Authority (se	mpanied by ANNEXES, i.e., sheets of the description, claims and/or drawings ed and are the basis for this report and/or sheets containing rectifications made ee Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).			
These annexes consist of a to	of sheets.			
This report contains indication	ons relating to the following items:			
I Basis of the report II Priority III Non-establishment IV Lack of unity of in	of report with regard to novelty, inventive step and industrial applicability			
V Reasoned statemen applicability; citation	t under Article 35(2) with regard to novelty, inventive step or industrial ons and explanations supporting such statement			
VI Certain documents cited				
VII Certain defects in the international application				
VIII Certain observations on the international application				
	application			
Date of submission of the demand				
	Date of completion of this report			
1 October 2004 (21.10.2004)	28 July 2005 (28.07.2005)			
Mail Stop PCT, Attn: IPEA/US	Authorized officer			
Commissioner for Patents P.O. Box 1450	1 m Pa . C			
Alexandria, Virginia 22313-1450	Paralegai Specialisi			
m PCT/IPEA/409 (cover sheet)(July 1998)	Telephone No. (703) 308-0651			
(-2 ver pricer)(1mly 1988)				

~ . UNTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.	
PCT/US03/08459	

I. Basis of the report
1. With regard to the elements of the international application:*
the international application as originally filed.
the description:
pages 1-12 as originally filed pages NONE filed with the demand
pages NONE, filed with the demand
the claims:
pages 13-17 as originally filed
pages NONE, as amended (together with any statement) under Article 19 pages NONE, filed with the demand
pages NONE, filed with the letter of
the drawings:
pages 1-6, as originally filed
pages NONE , filed with the demand pages NONE , filed with the letter of
the sequence listing part of the description:
pages NONE, as originally filed
pages NONE, filed with the demand
pages NONE , filed with the letter of
2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.
which is
the language of a translation furnished for the purposes of international search (under Rule 23 1(b))
the language of publication of the international application (under Rule 48 3(b))
the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).
3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:
contained in the international application in printed form.
filed together with the international application in computer readable form
numished subsequently to this Authority in written form.
furnished subsequently to this Authority in computer readable form
The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
The amendments have resulted in the cancellation of:
the description, pages NONE
the claims, Nos. None
the drawings, sheets/fig NONE
This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (3.1).
Replacement sheets which have been formal but at a supplemental Box (Rule 70.2(C)).**
is report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17). * Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.
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m PCT/IPFA/409 (Box D (Tulu 1009)

Form PCI/IPEA/409 (Box I) (July 1998)

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Form PCT/IPEA/409 (Box V) (July 1998)

International application No. PCT/US03/08459

STATEMENT		
Novelty (N)	Ciri • • •	
101000	Claima MONTE	YE
	Claims NONE	NC
Inventive Step (IS)	Claims 1-16	YE
	Claims NONE	
Industrial Applicability (TAN		
Industrial Applicability (IA)	Claims 1-16	
	Claims NONE	NC
ims 1-16 meet the criteria set out in PCT Article : be made or used in industry.		cause the subject matter claimed
NEW CITATIONS		•